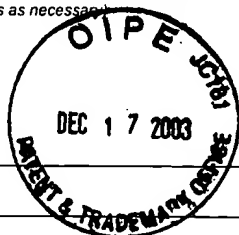


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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Complete if Known

Application Number 09/668585

Filing Date September 22, 2000

First Named Inventor Ellison, Carl M.

Group Art Unit 2185

Examiner Name Unassigned

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Sheet 1 of 1

Attorney Docket No: 42P08098X

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**US PATENT DOCUMENTS**

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Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T <sup>2</sup>
	DE-DE4217444	12/03/1992	Toyohisa, Imada, et al.			
	EP-EP0473913	03/11/1992	Farrell, Joel A.			abs

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
GB		BRANDS, STEFAN, "Restrictive Blinding of Secret-Key Certificates", SPRINGER-VERLAG XP002201306, (1995), Chapter 3	
GB		DAVIDA, GEORGE I., et al., "Defending Systems Against Viruses through Cryptographic Authentication", Proceedings of the Symposium on Security and Privacy, IEEE Comp. Soc. Press, ISBN 0-8186-1939-2, (May 1989)	
GB		KASHIWAGI, KAZUHIKO, et al., "Design and Implementation of Dynamically Reconstructing System Software", Software Engineering Conference, Proceedings 1996 Asia-Pacific Seoul, South Korea 4-7 Dec. 1996, Los Alamitos, CA USA, IEEE Comput. Soc. US, ISBN 0-8186-7638-8, (1996)	
GB		LUKE, JAHN, et al., "Replacement Strategy for Aging Avionics Computers", IEEE AES Systems Magazine, XP002190614, (March 1999)	
GB		MENEZES, OORSCHOT, "Handbook of Applied Cryptography", CRC Press LLC, USA XP002201307, (1997), 475	
GB		RICHT, STEFAN, et al., "In-Circuit-Emulator Wird Echtzeitfähig", Elektronik, Franzis Verlag GMBH, Munchen, DE, Vol. 40, No. 16, XP000259620, (100-103), 8-6-1991	
GB		SAEZ, SERGIO, et al., "A Hardware Scheduler for Complex Real-Time Systems", Proceedings of the IEEE International Symposium on Industrial Electronics, XP002190615, (July 1999), 43-48	
GB		SHERWOOD, TIMOTHY, et al., "Patchable Instruction ROM Architecture", Department of Computer Science and Engineering, University of California, San Diego, La Jolla, CA, (Nov. 2001)	

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Substitute Disclosure Statement Form (PTO-1449)

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary.)				<b>Complete if Known</b>	
				Application Number	09/668,585
				Filing Date	September 22, 2000
				First Named Inventor	Carl M. Ellison
				Group Art Unit	2185
				Examiner Name	Unassigned
Sheet	2	of	2	Attorney Docket Number	042390.P8098X

### U.S. PATENT DOCUMENTS

Exam. Initials	Document Number	Date	Name	Class	Sub- class	Filing Date (if appropriate)
CB	6,178,509	01/23/01	Nardone et al.			
	6,205,550 B1	03/20/01	Nardone et al.			
CB	6,282,651	08/28/01	Ashe		Technology Center 2100	RECEIVED SEP 13 2001
	6,282,657 B1	08/28/01	Kaplan et al.			

### FOREIGN PATENT DOCUMENTS

Exam. Initials	Document Number	Date	Country	Class	Sub- class	Translation Yes No

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Sheet

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of

2.

**Complete if Known**

Application Number

09/668.585

Filing Date

September 22, 2000

**First Named Inventor**

**Carl M. Ellison**

### Group Art Unit

2185

Examiner Name

Unassigned

Attorney Docket Number

042390.P8098X

Exam. Initials	Document Number	Date	Name	Class	Sub- class	Filing Date (if appropriate)
	4,278,837	07/14/81	Best			
	4,521,852	06/04/85	Gutttag			
	5,022,077	06/04/91	Bealkowski et al.			
	5,293,424	03/08/94	Holtey et al.			
	5,421,006	05/30/95	Jablon et al.			
	5,473,692	12/05/95	Davis			
	5,479,509	12/26/95	Ugon			
	5,568,552	10/22/96	Davis			
	5,657,445	08/12/97	Pearce			
	5,729,760	03/17/98	Poisner			
	5,796,845	08/18/98	Serikawa et al.			
	5,805,712	09/08/98	Davis			
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	5,844,986	12/01/98	Davis			
	5,937,063	08/10/99	Davis			
	5,978,481	11/02/99	Ganesan et al.			
	6,014,745	01/11/00	Ashe			
	6,058,478	05/02/00	Davis			
	6,158,546	12/12/00	Hanson et al.			
	6,175,925	01/16/01	Nardone et al.			

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Application Number	09/668,585
Filing Date	September 22, 2000
First Named Inventor:	Carl M. Ellison
Group Art Unit	2185
Examiner Name	Unassigned
Attorney Docket Number	042390P8098X

2

2

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
OB		GOLDBERG, R., "Survey of virtual machine research," IEEE Computer Magazine 7(6), pp. 34-45, 1974.	
OB		GUM, P.H., "System/370 Extended Architecture: Facilities for Virtual Machines," IBM J. Research Development, Vol 27, Number 6, pp. 530-544, November 1983	
OB		ROSENBLUM, M. "Vmware's Virtual Platform: A Virtual Machine Monitor for Commodity PCs," Proceedings of the 11th Hotchips Conference, pp. 185-196, August 1999.	
OB		LAWTON, K., "Running Multiple Operating Systems Concurrently on an IA32 PC Using Virtualization Techniques," <a href="http://www.plex86.org/research/paper.txt">http://www.plex86.org/research/paper.txt</a> ; 11/29/1999; pp. 1-31.	

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Substitute for Form 1449A/PTO (Modified)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/668,585
				Filing Date	September 22, 2000
				First Named Inventor:	Carl M. Ellison
				Group Art Unit	2185
				Examiner Name	Unassigned
				Attorney Docket Number	42P8098X
Sheet	1	of	2		

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U.S. PATENT DOCUMENTS						
Exam. Initial*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (If known)			
		4,366,537		Heller, et al.	12/28/82	
		5,075,842		Lai	12/24/91	
		5,255,379		Melo	10/19/93	
		5,459,869		Spilo	10/17/95	
		5,615,263		Takahashi	03/25/97	
		4,307,214		Birney, et al.	07/19/97	
		5,717,903		Bonola	02/10/98	
		5,764,969		Kahle, et al.	06/09/98	
		5,890,189		Nozue, et al.	03/30/99	
		5,987,557		Ebrahim	11/16/99	
		US2001003745		Metlitski, et al.	11/01/01	

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FOREIGN PATENT DOCUMENTS								
Exam. Initial*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)				
			EP0600112		Seimens Nixdorf InformationSysteme	08/06/94		
			WO9844402		PCT	10/08/98		
			WO9905600		PCT	02/04/99		
			WO9909482		Seimens Nixdorf InformationSysteme	02/25/99		
			WO9957863		PCT	11/11/99		
			WO0062232		PCT	10/19/00		
			WO0175595		Intel Corporation	10/11/01		
			WO0175565		Intel Corporation	10/11/01		
			EP1146715		European Patent Application	10/17/01		

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Sheet 1 of

Application Number	09/668,585
Filing Date	9/22/00
First Named Inventor:	Ellison, et. al.
Group Art Unit	2185
Examiner Name	Unassigned
Attorney Docket Number	042390.P8098X

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)				
			EP0930567A		Texas Instruments, Inc.	7/21/99		
			WO9834365A		AT&T Corporation	8/6/98		

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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Application Number 09/668585

Filing Date September 22, 2000

First Named Inventor Ellison, Carl

Group Art Unit Unknown

Examiner Name Unknown

Attorney Docket No: 42P08098X

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T <sup>2</sup>
	EP-EP0961193	12/01/1999	Laczko, Sr., Frank L.			
	EP-EP0965902	12/22/1999	Force, Gordon , et al.			
	EP-EP1085396	03/21/2001	Proudlar, Graeme J., et al.			
	WO-WO0021238	04/13/2000	Drews, Paul C.			
	WO-WO0163994	08/30/2001	Van Sant, Glen , et al.			
	WO-WO9524696	09/14/1995	Mooney, David M., et al.			
	WO-WO99/65579	12/23/1999	Bond, Eugene T.			

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
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<b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	09/668,585
				Filing Date	September 22, 2000
				First Named Inventor	Carl M. Ellison
				Group Art Unit	2185
				Examiner Name	Unassigned
				Attorney Docket Number	42P8098X
Sheet	1	of	1		

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FOREIGN PATENT DOCUMENTS							
Exam. Initial*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>o</sup>
		Office <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (If known)				
			WO 02 17555	A	Verisign, Inc.	02/28/2002	
			WO 01 75564	A	Intel Corporation	10/11/2001	
			WO 02 086684	A	Hewlett Packard	10/31/2002	
			JP02000076139	A	Nippon	03/14/2000	

Examiner Signature		Date Considered	5.20.04
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Substitute for Form 1449A/PTO (Modified)

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/668,585
Filing Date	9/22/00
First Named Inventor:	Ellison, et. al.
Group Art Unit	2185
Examiner Name	Unassigned
Attorney Docket Number	042390.P8098x

Sheet	2	042390.P8098X	2
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## OTHER ART - NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
CB		"M68040 USER'S MANUAL", 1993, MOTOROLA INC., page 1-5 - page 1-9, page 1-13- page 1-20, page 2-1-page 2-3, page 4-1, page 8-9-page 8-11	
CB		"INTEL 386 DX MICROPROCESSOR 32-BIT CHMOS MICROPROCESSOR WITH INTEGRATED MEMORY MANAGEMENT", 12/31/95, INTEL INC., page 32-56; figure 4-14	
CB		JOE HEINRICH:"MIPS R4000 MICROPROCESSOR USER'S MANUAL", 1994, MIPS TECHNOLOGY INC., MOUNTAIN VIEW, CA, pages 67-79	
CB		BERG C: "HOW DO I CREATE A SIGNED APPLET?", DR. DOBB'S JOURNAL, M&T PUBL., REDWOOD CITY, CA, US, VOL. 22, NO. 8, 8 '97, page 109-111, 122	
CB		GONG L ET AL: "GOING BEYOND THE SANDBOX: AN OVERVIEW OF THE NEW SECURITY ARCHITECTURE IN THE JAVA DEVELOPMENT KIT 1.2", PROCEEDINGS OF THE USENIX SYMPOSIUM ON INTERNET TECHNOLOGIES AND SYSTEMS, MONTERY, CA 12 '97, pages 103-112	

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